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# Crops

## FIELD CROPS



### Grain Corn

New York production was estimated at 88.5 million bushels, up 11 percent from last year. Area for harvest totaled 590,000 acres, down 1 percent from a year ago. Yield per acre was a record high 150 bushels per acre up 16 bushels from last year. Production was valued at \$460 million, up 44 percent from 2009.

### Silage Corn

Corn cut for silage totaled 8.65 million tons, an increase of 2 percent from last year. Area for harvest decreased 3 percent to 455,000 acres. Yields were estimated at 19.0 tons per acre. Production was valued at \$311 million, up 7 percent from 2009.

### Soybeans

The 2010 soybean crop was estimated at a record high 13.4 million bushels, 23 percent above last year's production. Area harvested, a record high at 279,000 acres, was up 10 percent from a year ago. Yields increased by 5 bushels per acre from the 2009 crop to average a record high 48 bushels per acre. The value of the 2010 soybean crop was set at \$147 million, up 48 percent from the previous year.

### Wheat

Production totaled 6.70 million bushel, down 2 percent from the previous year. Harvested acreage, at 100,000 acres, was down 5 percent from 2009. Winter wheat yields averaged a record high 67 bushels per acre, up 2 bushels from a year ago. Winter wheat was valued at \$40.5 million, up 23 percent from a year ago.

### Oats

Production, at 3.89 million bushels, was down 16 percent from the previous year. Area harvested, at 58,000 acres was down 3 percent from last year. The average yield, at 67 bushels per acre, was down 10 bushels from a year ago. Oat production was valued at \$7.97 million, down 10 percent from 2009.

### Barley

Production of barley in New York totaled 550,000 bushels up 4 percent from a year earlier. Acreage harvested for grain totaled 10,000 acres, the same as 2009. The average yield per acre, at 55 bushels, was up 2 bushels from last year. Barley production was valued at \$1.71 million, down 8 percent from the 2009 value.

### All Dry Hay

Production was 2.42 million tons, down 2 percent from last year's 2.47 million

tons. Acreage harvested for dry hay during 2010 increased 1 percent to 1.38 million acres. Yield, at 1.75 tons per acre, was 4 percent below a year ago. Value of production, at \$261 million, was down 13 percent from a year ago.

### Alfalfa Dry Hay

New York production of alfalfa dry hay was estimated at 882 thousand tons, up 10 percent from last year's crop of 805 thousand tons. Area harvested, at 420,000 acres increased by percent from last year. Yields averaged 2.10 tons per acre, down 9 percent from last year. Alfalfa dry hay production was valued at \$110 million, down 4 percent from the 2009 value of \$115 million.

### Forage

Forage production is the sum of all dry hay and haylage/ greenchop production after converting the haylage/ greenchop to a dry equivalent basis. New York's acres harvested at 1,950 increased from last year by 7 percent. The average yield at 2.44 tons per acre was down from the previous year's 2.60 tons. Production at 4.76 million tons was up slightly from a year ago.

### Potatoes

Production totaled 5.12 million hundredweight (cwt.), up 3 percent from the 4.95 million cwt. produced in 2009. Harvested acreage totaled a record low 16,000 down 500 acres from last year. Yields averaged a record high 320 cwt. per acre, up 20cwt. from a year ago. The value of potatoes, at \$69.1 million, was up 9 percent from 2009.

### Dry Beans

Production totaled 282,000 cwt., up 46 percent from 2009. Acres harvested totaled 14,900 acres, down 700 acres from a year earlier. The average yield, at 1,890 pounds per acre was up 650 lbs. from last year. Dry beans were valued at \$7.81 million, up 16 percent from the 2009 value of \$6.76 million.

## 2010 CROP SUMMARY



### April

Warm, dry weather pushed spring field work and planting progress ahead of normal. Oat, corn, and potato plantings were well underway. Pears, sweet cherries, and peaches were all in bloom. Vegetables were planted ahead of normal timelines.

### May

Near perfect weather allowed for fieldwork to progress quickly. Haying began at a rapid pace. Scattered frost affected fruit crops. Vegetable planting continued and early vegetables emerged. Oat planting was complete and corn planting was ahead of the 5-year average.

### June

Scattered showers and rain slowed haying progress and fieldwork, but helped crop growth progress. Corn planting was completed by month's end. Pea harvest began. Late Blight was confirmed in tomatoes.

### July

Temperatures started the month below normal, but quickly became warmer. Severe storms accompanied by hail affected parts of the state. Soybean and dry bean planting finished. Harvest began for potatoes, oats for grain, and most fresh market vegetable crops.

### August

Much of the month was dominated by near to above normal temperatures. Winter wheat harvest was completed. Corn silage harvest began at the end of the month. Fruit crops were ripening about 2 weeks ahead of normal.

### September

Fieldwork and harvesting activities progressed. Much of the state experienced dry weather with isolated showers and thunderstorms. Oat harvest was completed. By the end of the month, potatoes were about two-thirds harvested, and three-quarters of silage corn was harvested. Over half the apple crop had been picked, and one-third of grapes were harvested.

### October

Above normal precipitation started the month as remnants of Tropical Storm Nicole moved up the East Coast. Wet weather slowed silage chopping and dry hay harvest. By month's end, the third cutting of alfalfa hay was completed, silage corn harvest neared completion, grain corn harvest was one-third completed, and soybeans were over half harvested.

Table 8. **FIELD CROPS:** Acres, Yield, Production, and Value, New York, 2001-2010

Crop and Year	Planted	Harvested	Yield per Acre	Production	Marketing Year Average Price	Value of Production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars per bu.</i>	<i>1,000 dollars</i>
<b>WHEAT</b>						
2001	125	120	53.0	6,360	2.64	16,790
2002	120	118	58.0	6,844	3.28	22,448
2003	130	120	53.0	6,360	2.85	15,455
2004	105	100	53.0	5,300	2.80	14,840
2005	100	95	54.0	5,130	3.34	17,134
2006	105	95	61.0	5,795	4.03	23,354
2007	100	85	53.0	4,505	6.92	31,175
2008	130	122	63.0	7,686	6.16	47,346
2009	115	105	65.0	6,825	4.84	33,033
2010	110	100	67.0	6,700	6.05	40,535
<b>OATS</b>						
2001	95	80	69.0	5,520	1.62	8,942
2002	75	65	64.0	4,160	1.92	7,987
2003	85	70	63.0	4,410	1.81	7,982
2004	65	50	65.0	3,250	1.80	5,850
2005	95	75	54.0	4,050	1.64	6,642
2006	85	67	74.0	4,958	1.67	8,280
2007	100	60	58.0	3,480	2.69	9,361
2008	80	64	66.0	4,224	3.07	12,968
2009	90	60	77.0	4,620	1.92	8,870
2010	80	58	67.0	3,886	2.05	7,966
<b>BARLEY</b>						
2001	15	12	51.0	612	1.60	979
2002	11	10	47.0	470	1.96	921
2003	15	13	50.0	650	2.09	1,359
2004	14	10	53.0	530	2.05	1,087
2005	17	15	49.0	735	1.80	1,323
2006	17	12	55.0	660	1.79	1,181
2007	13	11	49.0	539	2.76	1,488
2008	13	9	52.0	468	4.75	2,223
2009	12	10	53.0	530	3.50	1,855
2010	12	10	55.0	550	3.10	1,705
<b>SOYBEANS</b>						
2001	160	158	33.0	5,214	4.55	23,724
2002	145	144	32.0	4,608	5.85	26,957
2003	140	138	35.0	4,830	7.80	37,674
2004	175	172	39.0	6,708	5.40	36,223
2005	190	188	42.0	7,896	5.20	41,059
2006	200	198	46.0	9,108	6.19	56,379
2007	205	203	39.0	7,917	11.20	88,670
2008	230	226	46.0	10,396	10.30	107,079
2009	255	254	43.0	10,922	9.10	99,390
2010	280	279	48.0	13,392	11.00	147,312

Table 8. **FIELD CROPS:** Acres, Yield, Production, and Value, New York, 2001-2010 (*Continued*)

Crop and Year	Planted <sup>1/</sup>	Harvested	Yield per Acre	Production	Marketing Year Average Price	Value of Production
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Bushels</i>	<i>1,000 Bushels</i>	<i>Dollars per Bu.</i>	<i>1,000 Dollars</i>
<b>CORN FOR GRAIN</b>						
2001	1,030	540	105.0	56,700	2.51	142,317
2002	1,020	460	97.0	44,620	2.87	128,059
2003	1,000	440	121.0	53,240	2.82	150,137
2004	980	500	122.0	61,000	2.37	144,570
2005	990	460	124.0	57,040	2.29	130,622
2006	950	480	129.0	61,920	3.42	211,766
2007	1,060	550	128.0	70,400	5.05	355,520
2008	1,090	640	144.0	92,160	4.32	398,131
2009	1,070	595	134.0	79,730	4.02	320,515
2010	1,050	590	150.0	88,500	5.20	460,200
<b>CORN SILAGE</b>			<i>Tons</i>	<i>1,000 Tons</i>	<i>Dollars per Ton</i>	
2001	-	485	16.0	7,760	26.40	204,864
2002	-	550	14.0	7,700	25.70	197,890
2003	-	550	17.5	9,625	26.20	252,175
2004	-	470	17.0	7,990	26.00	207,740
2005	-	520	17.0	8,840	25.70	227,188
2006	-	460	18.0	8,280	27.50	227,700
2007	-	505	17.0	8,585	31.60	271,286
2008	-	445	20.0	8,900	39.60	352,440
2009	-	470	18.0	8,460	34.30	290,178
2010	-	455	19.0	8,645	36.00	311,220
<b>DRY BEANS <sup>2/</sup></b>				<i>1,000 cwt</i>	<i>Dollars per cwt</i>	
2001	23.0	22.3	870	194	24.70	4,792
2002	25.0	24.5	1,360	333	22.20	7,393
2003	25.0	24.0	1,860	446	22.60	10,080
2004	24.0	23.5	1,300	306	27.90	8,537
2005	25.0	23.0	1,350	311	21.40	6,655
2006	19.0	18.0	1,450	261	25.90	6,760
2007	17.0	16.5	1,500	248	41.20	10,218
2008	17.0	16.8	1,930	324	56.00	18,144
2009	16.0	15.6	1,240	193	35.00	6,755
2010	15.0	14.9	1,890	282	27.70	7,811

<sup>1/</sup> Complete utilization of corn acreage planted is shown on page 23. Corn planted acreage includes corn for grain, silage, forage, and abandoned acres.

<sup>2/</sup> Production by major varieties is shown on page 22.



Table 8. **FIELD CROPS:** Acres, Yield, Production, and Value, New York, 2001-2010 (*Continued*)

Crop and Year	Planted	Harvested	Yield per Acre	Production	Marketing Year Average Price	Value of Production
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Tons</i>	<i>1,000 Tons</i>	<i>Dollars per Ton</i>	<i>1,000 Dollars</i>
<b>ALFALFA HAY</b>						
2001	-	570	2.80	1,596	119.00	189,924
2002	-	610	2.50	1,525	128.00	195,200
2003	-	600	2.80	1,680	132.00	221,760
2004	-	470	2.80	1,316	139.00	182,924
2005	-	450	2.10	945	131.00	123,795
2006	-	370	2.10	777	146.00	113,442
2007	-	420	2.40	1,008	150.00	151,200
2008	-	350	2.70	945	180.00	170,100
2009	-	350	2.30	805	143.00	115,115
2010	-	420	2.10	882	125.00	110,250
<b>OTHER HAY</b>						
2001	-	1,100	1.80	1,980	84.50	167,310
2002	-	1,100	1.90	2,090	87.50	182,875
2003	-	1,250	1.60	2,000	98.00	196,000
2004	-	800	2.00	1,600	89.00	142,400
2005	-	1,200	1.40	1,680	95.00	160,440
2006	-	1,150	1.75	2,013	101.00	203,313
2007	-	940	1.80	1,692	106.00	179,352
2008	-	970	1.80	1,746	113.00	197,298
2009	-	1,010	1.65	1,667	110.00	183,370
2010	-	960	1.60	1,536	98.00	150,528
<b>ALL HAY <sup>1/</sup></b>						
2001	-	1,670	2.14	3,576	104.00	357,234
2002	-	1,710	2.11	3,615	106.00	378,075
2003	-	1,850	1.99	3,680	113.00	417,760
2004	-	1,270	2.30	2,916	115.00	325,324
2005	-	1,650	1.59	2,625	110.00	284,235
2006	-	1,520	1.84	2,790	113.00	316,755
2007	-	1,360	1.99	2,700	122.00	330,552
2008	-	1,320	2.04	2,691	135.00	367,398
2009	-	1,360	1.82	2,472	120.00	298,485
2010	-	1,380	1.75	2,418	106.00	260,778

<sup>1/</sup> All hay price is based on weighted sales, not production.

Table 8. **FIELD CROPS:** Acres, Yield, and Production, New York, 2001-2010 <sup>1/</sup>

Crop and Year	Harvested	Yield per acre	Production
	<i>1,000 Acres</i>	<i>Tons</i>	<i>1,000 Tons</i>
<b>ALFALFA FORAGE</b>			
2001	900	3.55	3,192
2002	900	3.11	2,798
2003	950	3.73	3,539
2004	700	3.56	2,492
2005	750	3.11	2,329
2006	610	3.31	2,021
2007	700	3.63	2,543
2008	690	3.86	2,664
2009	680	3.55	2,412
2010	740	3.23	2,391
<b>ALL FORAGE</b>			
2001	2,050	2.73	5,587
2002	2,120	2.59	5,488
2003	2,310	2.61	6,027
2004	1,680	2.92	4,904
2005	2,280	2.09	4,774
2006	1,990	2.51	4,996
2007	1,850	2.64	4,890
2008	1,830	2.73	4,990
2009	1,830	2.60	4,756
2010	1,950	2.44	4,763
<b>ALFALFA HAYLAGE &amp; GREENCHOP</b>			
2001	450	7.30	3,285
2002	510	5.90	3,009
2003	470	8.00	3,760
2004	340	7.00	2,380
2005	400	7.00	2,800
2006	370	6.80	2,516
2007	450	6.90	3,105
2008	470	7.40	3,478
2009	440	7.40	3,256
2010	430	7.10	3,053
<b>ALL HAYLAGE &amp; GREENCHOP</b>			
2001	650	6.35	4,125
2002	660	5.40	3,564
2003	660	7.19	4,748
2004	650	6.19	4,023
2005	830	5.24	4,348
2006	700	6.38	4,463
2007	700	6.33	4,430
2008	700	6.64	4,651
2009	630	7.34	4,622
2010	790	6.01	4,745

<sup>1/</sup> Forage production is the sum of all dry hay production and haylage/greenchop production after converting the haylage/greenchop production to a dry equivalent basis.

Table 9. **POTATOES:** Acreage, Yield, Production, and Disposition, Sales, and Value,  
New York, 2001-2010

Crop Year	Planted	Harvested	Yield per Acre	Production	Used on Farms Where Grown <sup>1/</sup>	Sold	Marketing Year Average Price	Value	
								Production	Sales
	<i>Acres</i>	<i>Acres</i>	<i>Cwt.</i>		<i>-----1,000 cwt.-----</i>		<i>Dollars per cwt.</i>	<i>1,000 Dollars</i>	
<b>2001</b>	23,500	23,300	255	5,942	602	5,340	9.90	58,826	52,866
<b>2002</b>	22,500	22,000	250	5,500	450	5,050	11.80	64,900	59,590
<b>2003</b>	22,200	21,700	300	6,510	620	5,890	9.75	63,473	57,363
<b>2004</b>	20,000	19,200	270	5,184	613	4,571	8.25	42,768	37,657
<b>2005</b>	20,500	20,100	260	5,226	591	4,635	12.30	64,280	56,803
<b>2006</b>	20,600	19,000	300	5,700	580	5,120	12.00	68,400	61,584
<b>2007</b>	19,000	18,300	285	5,216	464	4,752	11.80	61,543	55,906
<b>2008</b>	18,000	17,800	320	5,696	440	5,256	16.20	92,275	84,905
<b>2009</b>	17,100	16,500	300	4,950	403	4,547	12.80	63,360	58,198
<b>2010</b>	16,200	16,000	320	5,120	2/	2/	2/	2/	2/

<sup>1/</sup> Includes feed and seed used on farms where produced and shrinkage during storage.

<sup>2/</sup> Available September 22, 2011.

Table 10. **POTATOES:** Stocks Held by Growers and Local Dealers,  
New York, 2001-2010 <sup>1/</sup>

Crop Year	December 1	January 1	February 1	March 1	April 1
	<i>1,000 cwt.</i>				
<b>2001</b>	2,400	1,500	1,000	600	300
<b>2002</b>	2,400	1,800	1,100	600	220
<b>2003</b>	2,700	1,600	1,100	700	300
<b>2004</b>	2,300	1,600	1,200	700	300
<b>2005</b>	2,900	2,200	1,700	1,200	500
<b>2006</b>	3,000	2,200	1,400	1,000	500
<b>2007</b>	2,900	2,100	1,600	1,200	500
<b>2008</b>	2,600	2,000	1,600	1,200	700
<b>2009</b>	2,400	1,800	1,400	900	500
<b>2010</b>	2,300	1,500	1,200	800	500

<sup>1/</sup> Total stocks consist of production less total disappearance to date. Disappearance includes all sales for all purposes, all potatoes eaten or fed on farms where produced and all losses to date through shrinkage, decay, dumping, etc.

Table 11. **DRY BEANS:** Acreage, Yield, Production, and Off-Farm Stocks, by Class, New York, 2001-2010

Crop Year		Acres		Yield per acre	Production
		Planted	Harvested		
		<i>1,000 Acres</i>		<i>Pounds</i>	<i>1,000 cwt.</i>
<b>RED KIDNEY</b>					
<b>Light</b>	<b>2001</b>	13.3	13.1	850	112
	<b>2002</b>	15.0	14.7	1,300	191
	<b>2003</b>	14.1	13.4	1,890	253
	<b>2004</b>	12.0	11.6	1,100	128
	<b>2005</b>	13.0	12.2	1,100	134
	<b>2006</b>	7.0	6.6	1,450	96
	<b>2007</b>	7.5	7.3	1,300	95
	<b>2008</b>	7.2	7.0	2,010	141
	<b>2009</b>	5.7	5.5	930	51
	<b>2010</b>	5.5	5.4	1,780	96
<b>Dark</b>	<b>2001</b>	1.2	1.2	830	10
	<b>2002</b>	2.0	2.0	1,350	27
	<b>2003</b>	1.1	1.1	1,820	20
	<b>2004</b>	1.5	1.5	1,000	15
	<b>2005</b>	1.5	1.2	830	10
	<b>2006</b>	2.0	1.9	840	16
	<b>2007</b>	1.5	1.4	1,570	22
	<b>2008</b>	1.7	1.7	2,290	39
	<b>2009</b>	1.8	1.8	1,720	31
	<b>2010</b>	1.6	1.6	2,060	33
<b>BLACK TURTLE</b>					
	<b>2001</b>	6.7	6.3	940	59
	<b>2002</b>	6.0	5.8	1,570	91
	<b>2003</b>	8.2	7.9	1,800	142
	<b>2004</b>	9.0	8.9	1,040	93
	<b>2005</b>	9.0	8.5	1,510	128
	<b>2006</b>	9.0	8.6	1,600	138
	<b>2007</b>	7.0	6.9	1,650	114
	<b>2008</b>	7.4	7.4	1,800	133
	<b>2009</b>	7.7	7.6	1,280	97
	<b>2010</b>	6.7	6.7	1,880	126
<b>OTHER CLASSES</b>					
	<b>2001</b>	1.8	1.7	760	13
	<b>2002</b>	2.0	2.0	1,200	24
	<b>2003</b>	1.6	1.6	1,940	31
	<b>2004</b>	1.5	1.5	730	11
	<b>2005</b>	1.5	1.1	910	10
	<b>2006</b>	1.0	.9	1,220	11
	<b>2007</b>	1.0	.9	1,890	17
	<b>2008</b>	.7	.7	1,570	11
	<b>2009</b>	.8	.7	2,000	14
	<b>2010</b>	1.2	1.2	2,250	27
<b>ALL CLASSES</b>					
	<b>2001</b>	23.0	22.3	870	194
	<b>2002</b>	25.0	24.5	1,360	333
	<b>2003</b>	25.0	24.0	1,860	446
	<b>2004</b>	24.0	23.5	1,050	247
	<b>2005</b>	25.0	23.0	1,230	282
	<b>2006</b>	19.0	18.0	1,450	261
	<b>2007</b>	17.0	16.5	1,500	248
	<b>2008</b>	17.0	16.8	1,930	324
	<b>2009</b>	16.0	15.6	1,240	193
	<b>2010</b>	15.0	14.9	1,890	282



Table 12. **CORN:** Acreage Utilization, New York, 2001-2010

Crop Year	Total Acres Planted	Acres Harvested For					
		All Grain	Dry Shelled	High Moisture Shelled	High Moisture Ground Ear	Silage	Forage and Abandoned
	<i>1,000 Acres</i>						
2001	1,030	540	405	115	20	485	5
2002	1,020	460	350	90	20	550	10
2003	1,000	440	340	85	15	550	10
2004	980	500	380	95	25	470	10
2005	990	460	360	90	10	520	10
2006	950	480	390	80	10	460	10
2007	1,060	550	470	70	10	505	5
2008	1,090	640	510	120	10	445	5
2009	1,070	595	450	135	10	470	5
2010	1,050	590	495	80	15	455	5

Table 13. **HAY:** Stocks on Farms, New York, 2001-2010

Crop Year	Total Production	Stocks Following Harvest			
		December 1		May 1*	
		Stocks	Percent of production	Stocks	Percent of Production
	<i>1,000 Tons</i>	<i>1,000Tons</i>	<i>Percent</i>	<i>1,000 Tons</i>	<i>Percent</i>
<b>2001</b>	3,576	2,250	63	600	17
<b>2002</b>	3,615	2,236	62	520	14
<b>2003</b>	3,680	2,430	66	552	15
<b>2004</b>	2,916	1,895	65	440	15
<b>2005</b>	2,625	1,650	62	285	11
<b>2006</b>	2,790	1,451	52	326	12
<b>2007</b>	2,700	1,674	62	283	10
<b>2008</b>	2,691	1,453	54	420	16
<b>2009</b>	2,472	1,582	64	400	16
<b>2010</b>	2,418	1,744	72	273	11

\* May of following year.

## NEW YORK FEED GRAIN IN 2010

New York feed grain production (corn, oats, barley and soybeans) in 2010 was 12 percent above production in 2009, and 45 percent above the 10 year average. The increase in grain production from a year earlier is primarily due to increased corn and soybean production.

Feed grain produced in 2010 met 152 percent of the State's feeding requirements. Over the past ten years, New York farmers have produced on average 104 percent of the feed needed for the dairy, livestock and poultry industries in the state. Due to a change in methodology in 2008 previous published annual bulletin feed grain tables are not comparable. All data listed in this publication use the current methodology.

Table 14. **FEED GRAIN:** New York, 2001-2010

Year	Quantity Produced	Quantity Fed	Quantity of Deficit/Surplus*
<i>1,000 tons</i>			
<b>2001</b>	1,848	1,982	(134)
<b>2002</b>	1,466	2,000	(534)
<b>2003</b>	1,723	1,954	(231)
<b>2004</b>	1,975	1,952	23
<b>2005</b>	1,917	1,958	(41)
<b>2006</b>	2,103	1,946	157
<b>2007</b>	2,278	1,881	397
<b>2008</b>	2,973	1,903	1,069
<b>2009</b>	2,648	1,931	717
<b>2010</b>	2,957	1,946	1,011

\* Deficit in parenthesis.